

(wood) ATRADITIONAL TRUSS TYPE WITH ITS ORIGINS IN THE MIDDLE AGES.

LENGTH: 20-60 FEET 6-18 METERS



(WOOD) A LENGTHENED VERSION OF THE KING POST

LENGTH: 20-BO FEET 6-24 METERS



1804-LATE 19TH CENTURY

(wooo) OMBINATION OF A WOODEN ARCH WITH A ULTIPLE KING POST. (ARCH ALSO COM-INED WITH LATER WOODEN TRUSSES).

LENGTH: 50-175 FEET | 5-50 METERS



TOWN LATTICE 1820- LATE ISTN CENTURY

1820-121E FITTLEMINEY
(WOOD)
A SYSTEM OF WOODEN DAGONALS WITH
NO VERTICALS MEMBERS TAKE SOTH
CONFRESSION AND TENSION
LENGTH: 30-220 FEET



HOWE

(MOOD, NERTICALS OF METAL)

DIAGONALS IN COMPRESSION, VERTICALS IN TENSION.

LENGTH: 30-150 FEET 9-45 METERS



BOWSTRING ARCH-TRUSS

1840 - LATE 19TH CENTURY

A TIED ARCH WITH THE DIAGONALS SERVING AS BRACING AND THE VERTICALS SUPPORT-ING THE DECK.

LENGTH : 50 - 130 FEET

WADDELL "A" TRUSS

LENGTH: 25-75 FEET 8-23 METERS



IDENTIFIED BY A CHARACTERISTIC PIN-COMMERTED SHAPERT STITUM OFFICE THE PROPES TRUSS IS CONTINUOUS ONDE PAGES. LENGTH: 400-1000 PAGE 182-300 METERS



1844 - 20TH CENTURY

DIAGONALS IN TENSION VERTICALS IN COMPRESSION, (EXCEPT FOR HIP VIRTICALS ADJACENT TO INCLINED END ROSTS)

LENGTH: 30-250 FEET 3-75 METERS



PRATT HALF-HIP

LATE ISTH-EARLY SOTH CENTURY

A PRATT WITH INCLINED END POSTS THAT DO NOT HORIZON TALLY EXTEND THE LENGTH OF A FULL PANEL.

LENGTH: 30-150 FEET 9-45 METERS



BALTIMORE (PETIT) 1871- EARLY ZOTH CENTURY

1. A PRATT WITH SUB-STRUTS

1. A PRATT WITH SUB-TIES

1. LENGTH : 250-600 FEET

15-180 METERS

IB75-EARLY 20TH CENTURY
A PARKER WITH 5UB-STRUTS,
A PARKER WITH 5UB-TIES,
LENGTH: 250-600 FEET
75-180 METERS





DIAGONALS CARRY BOTH COMPRESSIVE AND TENSILE FORCES. VERTICALS SERVE AS BAC ING. FOR TRIANGULAR WEB SYSTEM. LENGTH: 50 - 400 FEET 15-120 METERS

DOUBLE INTERSECTION WARREN (LATTICE) MID 19TH- 20TH CENTURY

STRUCTURE IS INDETERMINATE. MEMBERS ACT IN BOTH COMPRESSION AND TENSION. TWO TRINNGULAR WEB SYSTEMS ARE SUPERINA-POSED UPON EACH OTHER WITH OR WITHOUT VERTICALS.

LENGTH: 15-400 FEET 23-120 METERS

WARREN

WITH VERTICALS MID 19TH ZOTH CENTURY

WARREN

1848 - 20TH CENTURY

TRIANGULAR IN OUTLINE THE DIAGONALS CARRY BOTH COMPRESSIVE AND TENSILE FORCES A TRUE WARREN TRUSS HAS EQUILATERAL TRIANGLES.

LENGTH : 50-400 FEET 15-120 METERS



TRUSS LEG BEDSTEAD LATE ISTH-EARLY SOTH CENTURY

A PRATT WITH VERTICAL END POSTS IMBEDD ED IN THEIR FOUNDATIONS.

PARKER

MID-LATE 19TH- 20TH CENTURY

A PRATT WITH A POLYGONAL TOP CHORD

LENGTH: 40-250 FEET /2-75 METERS

LENGTH : 30 - 100 FEET 9-30 METERS



A PRATT WITH BOTH TOP AND BOTTOM CHORDS PARABOLICLY CURVED OVER THEIR ENTINE LENGTH.

LENGTH: 50-360 FEET 5-110 METERS



1894 - EARLY ZOTH CENTURY

PRATT TRUSS WITH THE DIAGONALS RE-PLACED BY AN INVERTED BOWSTRING TRUSS

LENGTH : 75 - 250 FEET 23 - 75 METERS

PEGRAM ISST - EARLY 20TH CENTURY

A HYBRID BETWEEN THE WARREN AND PARKER TRUSSES, UPPER CHARDS ARE ALL OF EQUAL LENGTN. LENGTH : 150- 450 FEET 45- 195 METERS



CAMELBACK

LATE 19TH-20TH CENTURY

A PARKER WITH A POLYGONAL TOP CHORD OF EXACTLY FIVE SLOPES:

LENGTH: 100-300 FEET 30-90 METERS



(WHIPPLE, WHIPPLE-MURPHY, LWVILLE) AN INCLINED END POST PRATT WITH DIAGONALS THAT EXTEND ACROSS TWO PANELS. LENGTH: 70-300 FEET 21-90 METERS



IBAS- LATE ISTN CENTURY

A HYBRID BETWEEN THE WARREN AND THE DOUBLE INTERSECTION PRATT

LENGTH: 100-300 FEET 30-10 METERS



CAMELBACK
MIN SUBDIMIDED PAMELS
LATE ISTN-EARLY ZOIN CONTROL

LATE 19TH-EARLY SUMM LA. A POLY-GOML TOP MINE OF EMELY FIRE SLOPES 8 SAME AS A. WITH IMPLEMENTAL STRUTS LENGTH : 100-500-FEBT 30-150 METERS



SCHWEDLER LATE 19TH CENTURY

A DOUBLE INTERSECTION PRATT POSITIONED IN THE CENTER OF A PARKER.

LENGTH: 100-500 FEET 30-90 METERS



1851 · MID-LATE 19TH CENTURY

(RARE)
VERTICALS IN COMPRESSION, DIAGONALS
IN TEMSION, DIAGONALS RUN FROM END
POSTS TO EVERY PANEL POINT.

LENGTH: 75-100 FEET 23-30 METERS



LATE IS TH - BARLY 20TH CENTURY

ESPANDED VERSION OF THE KING MOST TRUSS. USUALLY MADE OF METAL

LENGTH: 75-150 FEET 23-30 METERS



KELLOGG

LATE ISTH CENTURY A WARIATION ON THE PRATT WITH ADDITIONAL DIAGONALS RUNNING FROM UPPER CHORD PMP EL POINTS TO THE CENTER OF THE LOWER CHORD S.



K-TRUSS EARLY 20TH CENTURY

SO CALLED BECAUSE OF THE DISTINCTIVE OUT-LINE OF THE STRUCTURAL MEMBERS.

LENGTH : 200 - 800 FEET 60 - 240 METERS



FINK

(RARE)
CALS IN COMPRESSION DIAGONALS IN ON LONGEST DIAGONALS RUN FROM PROTO CENTER PANEL POINTS.



WICHERT

BOULER, ALFRED F. PRACTICAL TREATINE - COOPER TREADONS "MICHICAN RAK ROAD - MY THE COMP TRUCTON OF THOS HOLMON'S - MANUAL S' ASCE TRANSACTIONS MO. 440 - MANUAL THOSE THE TRUCTON OF THE TRUCTON OF THE TRANSACTION OF THE TRA

TRUSSES

AMBRICAN CIVIL SHAMERIAND, DV. MENDARCH COMPOL. 1976

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AMERICAN ENGINEERING RECORD



ISTO - EARLY ZOTH CENTURY

SIMPLIFICATION OF FINE TRUSS WITH VERTICALS OMITTED AT ALTERNATE PINEL POINTS.

LENGTH: 50-200 FEET /5-60 METERS

TECHNICAL INFORMATION PROJECT

HISTORIC AMERICAN ENGINEERING RECORD MEET 2 W 2 MINETS